

1 ABSTRACT

2 Wireless coverage data are associated with a geographic database that contains
3 data that represent a road network in a geographic region. The wireless coverage data
4 indicate areas within the geographic region in which navigation-related services or data
5 from a navigation services provider are available wirelessly, or conversely, areas within
6 the geographic region in which navigation-related services or data from a navigation
7 services provider are not available wirelessly. An end user obtains the wireless coverage
8 data. The wireless coverage data are used to indicate to the end user areas in which
9 navigation-related services or data from the navigation services provider are available
10 wirelessly or areas in which navigation-related services or data from the navigation
11 services provider are not available wirelessly. The wireless coverage data may also be
12 used to warn the end user when he/she is leaving an area in which navigation-related
13 services or data from the navigation services provider are available wirelessly. Data for
14 uncovered areas can be downloaded to an end user's computing platform while the end
15 user is still within an area in which navigation-related data from the navigation services
16 provider are available wirelessly.

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